

# How to create a Fortify log file



This page has been made public for vendors

## Question

How do I create a Fortify log file with debugging turned on?

## Answer

To create the log file with debugging turned on, you will need to use the `-debug` and `-logfile` command-line options for sourceanalyzer, Audit Workbench, or the Fortify IDE plugin, and include a path where you would like the file(s) saved. You can also add the `-verbose` argument for more detailed log file output.

### Audit Workbench:

In Audit Workbench, the debug command line arguments can be added to the translation and scan phases within the Scan Wizard:

- Select Advanced Scan in Audit Workbench:



- Enter information for the project, including source code directory, classpath, and output file location as usual, then click "Next" to advance to the command line options
- For both the Translation and Scan phases, add the following arguments to the list of command-line options generated by Fortify, and specify a path where you want the log files to be saved, with different filenames for the scan and translation logs:

```
"-debug"  
"-logfile"  
"\path\to\logfile\filename.log"
```

- For example:

HPE Fortify Version	4.40 and later
Programming Language	<input checked="" type="checkbox"/> C/C++ <input checked="" type="checkbox"/> .NET <input checked="" type="checkbox"/> Java <input checked="" type="checkbox"/> Objective-C <input checked="" type="checkbox"/> Other
Fortify Audit Workbench	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fortify IDE Plugin	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Other Fortify Component	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Request code review tools, validations, and support [HERE](#).

**Advanced Static Analysis**

Stages of HPE Security SCA Analysis:

☒ Enable clean

`-b "sourcecode" -clean`

☒ Enable translation

`"-b"`  
`"sourcecode"`  
`"-machine-output"`  
`"-cp"`  
`"C:\classpath\files.jar"`  
`"-source"`  
`"1.7"`  
`"C:\sourcecode"`  
**`"-debug"`**  
**`"-logfile"`**  
**`"C:\path\to\logfile\translation.log"`**

☒ Enable scan

`"-b"`  
`"sourcecode"`  
`"-machine-output"`  
`"-format"`  
`"fpr"`  
`"-f"`  
`"C:\output.fpr"`  
**`"-debug"`**  
**`"-logfile"`**  
**`"C:\path\to\logfile\scan.log"`**

Configure Rulepacks...      Configure Memory...  
 < Back      Next >      Scan      Cancel

#### From the command-line or batch file:

If you are running from the command-line or from a batch file, you can add the same options for both the translate and scan phases, and also specify a path for the generated log files. For example:

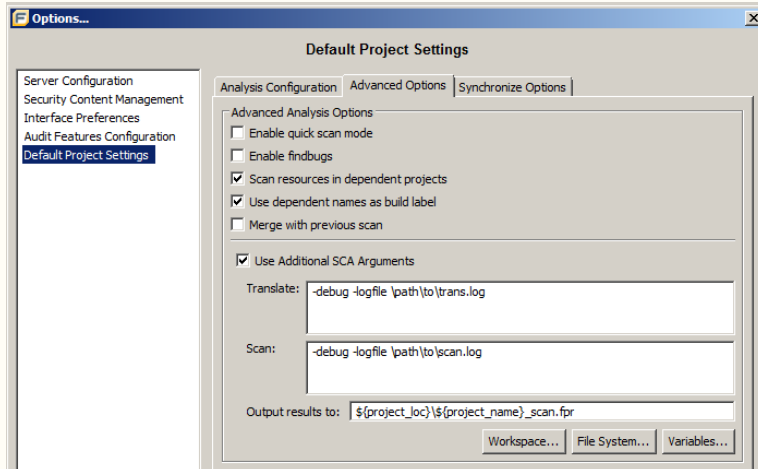
```
sourceanalyzer -b <build-id> -debug -logfile
/path/to/trans.log <files>
```

#### Fortify IDE Plugin:

If you are running the scan from an IDE plugin, you can set these options in the options dialog:

- Select the HPE Fortify > Options menu
- Select "Enable Project Specific Settings"
- Click on the "Advanced Scan Options" tab
- Select the "Use additional SCA arguments" checkbox  
Enter the `-debug`, `-logfile`, and `\path\to\logfile\filename.log` optio

ns in both the "Translate" and "Scan" text boxes, with different names for each log file  
For example:



The resulting log files will be placed in the location specified.

## References

- HPE Fortify Static Code Analyzer User Guide - Chapter 13: Command Line Interface